



Michigan Crop Weather

Good Week for Field Work

Six days were suitable for fieldwork during the week ending June 19, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.08 inches to 0.65 inches in the Upper Peninsula and 0.24 to 0.82 inches in the Lower Peninsula. Temperatures ranged from 1 degree below normal to 2 degrees above normal in the Upper Peninsula and ranged from 2 degrees below normal to 1 degree above normal in the Lower Peninsula. The weather was generally conducive to field work. Rain showers were hit or miss across much of the State and dumped significant moisture in some areas while other areas saw little to none. Growers were busy finishing up planting, side-dressing nitrogen, spraying, preparing for wheat harvest, and harvesting strawberries and asparagus. A reporter in the East Central said, "Growers have turned their attention from planting to spraying. The crops are mostly in now, with the exception of a few dry beans."

Field Crops

Farmers enjoyed a good week of weather to accomplish much needed work such as planting and replanting, fertilizing, and first cutting of **alfalfa**. Crops progressed nicely amongst spotty rain showers and cooler temperatures. Planting finished up for several crops. **Corn** ranged from VE to V6. Side-dressing Nitrogen and spraying for weeds were main activities. Cutworm problems have been reported. **Soybeans** were in good condition. **Dry beans** were still being planted. **Wheat** was in Feekes 10.5 to 11.1. **Potato** planting was complete. **Oats** and **barley** continued to progress with little problems.

Fruit

Insect and bird control became more important as fruit enlarged and began ripening. Rainfall was scattered, so some irrigation was required. **Apples** were 15 to 30 mm in diameter in the Grand Rapids area. **Tart cherries** were about 11 mm in diameter in the south. In the west central, fruit was out of shuck and sizing well. **Sweet cherries** were 16 mm in the southwest. Fruit were changing color in the west central. Significant hail damage occurred in the northwest. Concord **grape** bloom began June 8, the same as the ten-year average date. High numbers of grape berry moths were trapped at some locations. **Blueberries** were in the green fruit stage in the Grand Rapids area; they were 10 to 12 mm in the southwest. **Strawberry** harvest was well underway across southern Michigan. Slugs have been a problem in several fields due to the very wet spring. **Pears** were 16 to 22 mm in the southeast. **Plums** were 18 to 20 mm in the south. Black knot infections noted in some blocks. **Peaches** were about 1 inch in diameter in the southwest. Growers thinned fruit extensively.

Vegetables

Most vegetable growers across the State received some light rainfall last week. Irrigation was used when available. Temperatures remained near normal levels aiding plant growth. **Asparagus** harvest was nearing completion and post harvest herbicides will be applied soon. Tunneled **cucumbers** and **cantaloupe** were in bloom. **Celery** looked good but remained well behind in development. **Romaine lettuce** harvest was still a few weeks away. Planting of **peppers** and **tomatoes** in the Southwest were nearly finished. Tomato fruit in tunnels continued to size. **Peas** looked good and harvest was expected to begin soon. **Pumpkins** were beginning to emerge. **Sweet corn** was growing well but warmer temperatures would be beneficial. Planting of **winter squash** for processing was complete.

Soil moisture for week ending 06/19/11

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	1	14	79	6
Subsoil	1	10	80	9

Crop condition for week ending 06/19/11

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	0	2	17	56	25
Barley	0	6	31	59	4
Corn	2	8	30	49	11
Oats	0	3	33	53	11
Pasture	1	2	18	59	20
Soybeans	2	4	34	51	9
Winter Wheat	1	5	21	57	16

Crop progress for week ending 06/19/11

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, first cutting	64	45	65	66
Asparagus, harvested	93	75	100	93
Barley, emerged	98	90	100	100
Corn, emerged	93	78	100	99
Dry beans, planted	84	59	76	72
Dry beans, emerged	25	21	NA	NA
Oats, emerged	98	87	100	100
Oats, headed	24	18	78	49
Potatoes, emerged	92	75	99	94
Soybeans, planted	95	82	95	98
Soybeans, emerged	76	49	89	92
Strawberries, harvested	33	7	45	37
Winter wheat, headed	98	93	99	97
Winter wheat, turning yellow	9	1	31	25

Michigan Weather Summary for Week Ending 06/19/11 ¹												
Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	79	39		519	661		0.62	1.06	2.17	7.83		
Marquette	78	41		489	629		0.45	1.44	2.20	9.16		
Stephenson	79	39		559	772		0.60	1.13	1.35	7.55		
Western UP	79	35	-1	505	667	524	0.65	1.17	1.94	7.62	7.85	3.61
Cornell	78	42		478	717		0.10	1.08	2.16	7.15		
Sault St Marie	80	44		498	691		0.02	1.24	2.99	9.93		
Eastern UP	81	36	2	464	652	396	0.08	1.12	2.20	8.82	7.24	3.26
Beulah	85	45		650	793		0.63	1.69	2.52	12.46		
Lake City	83	43		641	788		0.54	1.35	1.69	10.32		
Old Mission	81	42		557	778		0.43	1.43	2.18	9.12		
Pellston	80	42		593	771		0.24	1.64	1.89	9.02		
Northwest	85	40	1	587	756	617	0.39	1.50	2.10	9.78	7.13	3.03
Alpena	83	44		535	743		0.11	1.72	2.58	11.29		
Houghton Lake	82	41		688	830		0.39	0.86	1.06	9.56		
Rogers City	77	48		448	687		0.05	1.87	2.40	8.23		
Northeast	83	41	0	580	781	585	0.24	1.41	1.92	9.74	7.12	2.90
Fremont	84	48		750	918		1.14	1.61	2.33	8.65		
Hart	86	40		668	842		0.47	0.89	1.56	6.78		
Muskegon	86	50		791	940		0.39	1.37	2.27	9.13		
West Central	86	40	0	713	881	696	0.82	1.64	2.36	8.54	7.75	2.94
Alma	83	46		704	940		0.55	0.72	1.70	10.33		
Big Rapids	82	44		674	863		0.48	1.05	2.20	13.22		
Central	83	44	0	709	902	746	0.52	0.91	2.06	10.06	7.93	3.36
Bad Axe	78	48		635	861		0.25	0.55	1.64	10.87		
Pigeon	79	48		662	863		0.26	0.82	1.78	8.98		
Saginaw	80	50		769	989		0.31	0.82	1.78	10.75		
Standish	78	45		632	833		0.13	1.12	1.98	10.88		
East Central	80	45	-1	644	885	723	0.29	0.74	2.12	10.98	7.14	3.08
Fennville	85	48		750	927		0.93	1.41	4.65	11.60		
Grand Rapids	85	52		855	1,040		0.68	1.02	2.70	13.00		
Holland	86	50		1,028	1,035		0.94	1.42	3.87	13.77		
South Bend, IN	85	53		927	1,066		2.07	3.66	7.11	18.83		
Watervliet	84	51		833	1,002		0.59	1.30	3.99	12.58		
Southwest	86	43	0	842	1,007	799	0.78	1.49	4.05	12.77	8.54	3.55
Belding	83	44		745	920		0.55	0.70	2.40	11.18		
Coldwater	86	51		874	1,060		0.23	0.60	3.10	10.32		
Lansing	83	49		799	1,016		0.47	0.87	4.04	13.57		
South Central	86	44	-2	782	988	802	0.44	0.97	3.52	12.64	8.21	3.57
Detroit	83	54		898	1,104		0.08	0.50	3.62	11.48		
Flint	86	48		831	1,008		0.53	0.64	2.82	14.04		
Romeo	85	46		742	936		0.05	0.16	2.35	12.54		
Tipton	85	49		828	1,006		0.48	1.55	4.33	13.03		
Toledo, OH	83	51		826	1,137		0.31	0.63	3.66	11.45		
Southeast	86	46	-1	816	1,040	768	0.27	0.63	3.42	11.56	8.14	3.36

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.